

#### **ABSTRACT OF DISCLOSURE**

This balloon catheter will have a special shaft having spring like structure which will help in transmitting the force to distal end and thus helping to cross the tight lesions. The balloon material with help of heatexpansile material will strongly grip the undeployed stent and prevent dislodgment of undeployed stent. The cocktail of drug to prevent acute/sub-acute closure and restenosis.